

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

05/02/2006

LAWRENCE E. ASHERY Suite 301 One Westlakes, Berwyn P.O. Box 980 Valley Forge, PA 19482-0980

EXAMINER					
VY,	VY, HUNG T				
ART UNIT	PAPER NUMBER				
2821	•				

DATE MAILED: 05/02/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820 266	04/08/2004	Takeshi Masutani	MAT-8533US	7547

TITLE OF INVENTION: MULTIPLE ANTENNA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/02/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed a

appropriate. All further cor indicated unless corrected t maintenance fee notification	below or directed otherwise	Patent, advance or in Block I, by (a	ders and noti) specifying	a new co	rrespondence address	will be mailed to the curren ; and/or (b) indicating a ser	parate "FEE ADDRESS" for
CURRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 for	any change of address)		1	Gagle) Transmittal Th	mailing can only be used f is certificate cannot be used al paper, such as an assignm e of mailing or transmission.	for any other accommons in
75	90 05/02/2006						
LAWRENCE E.	ASHERY			1	Cer hereby certify that the	r tificate of Mailing or Tran nis Fee(s) Transmittal is bein	smission or deposited with the United
Suite 301				\$	States Postal Service	with sufficient postage for fi	rst class mail in an envelope
One Westlakes, Be	rwyn			t	ransmitted to the USF	nis Fee(s) Transmittal is bein with sufficient postage for fir 1 Stop ISSUE FEE address TO (571) 273-2885, on the	date indicated below.
P.O. Box 980	•			ſ	. ==		(Depositor's name)
Valley Forge, PA 1	9482-0980			ŀ	· · · · · · · · · · · · · · · · · · ·		
							(Signature)
				L			(Date)
APPLICATION NO.	FILING DATE	- 1	FIRST NAMEI	D INVENT	OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,266	04/08/2004		Takeshi N	Masutani		MAT-8533US	7547
TITLE OF INVENTION: M	ULTIPLE ANTENNA						
ADDIN TVDE	CAAALL ENITITY	ICCUIT EI	- I	D1 11	N ICATION FEE	TOTAL SEC(S) DUE	D. 100 O. 10
APPLN. TYPE nonprovisional	SMALL ENTITY NO	1SSUE FI \$1400		FUI	SLICATION FEE \$300	TOTAL FEE(S) DUE \$1700	DATE DUE 08/02/2006
EXAM				- CI	ASS-SUBCLASS	31700	08/02/2000
VY, H		ART UN 2821	11		343-7000MS	J	
·						······································	
 Change of correspondence CFR 1.363). 	e address or indication of "Fe	ee Address" (37	-	_	e patent front page, li		
_ '	ence address (or Change of 22) attached.	Correspondence	or agents (mes or up OR, altern	to 3 registered pater attively,	it attorneys '	
	·		(2) the nar	me of a si	ngle firm (having as		
☐ "Fee Address" indicat	ion (or "Fee Address" Indica or more recent) attached. Use	tion form	registered 2 registere	attomey of attomes	or agent) and the nam attorneys or agents. If	nes of up to no name is 3	
Number is required.	in more recently attached. Ose	or a Gastonici	listed, no r	name will	be printed.	<u> </u>	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	Γ (print or	type)		
PLEASE NOTE: Unless	an assignee is identified be	low, no assignee	data will appe	ear on th	e patent. If an assign	nee is identified below, the	document has been filed for
	37 CFR 3.11. Completion	of this form is NO		•	ŭ		•
(A) NAME OF ASSIGNI	BE		(B) RESIDE	NCE: (C	TY and STATE OR (COUNTRY)	
					O		
Please check the appropriate	assignee category or categor	nes (will not be pri	inted on the pa	atent):	Individual UC	orporation or other private gr	oup entity Government
4a. The following fee(s) are	enclosed:	4b	. Payment of	Fee(s):			
☐ Issue Fee					ount of the fee(s) is en	closed.	
Publication Fee (No s	mall entity discount permitte	ed)			card. Form PTO-2038		
Advance Order - # of	Copies		The Direct Deposit A	ctor is her Account N	eby authorized by cha Tumber	rge the required fee(s), or cre (enclose an ext	edit any overpayment, to ra copy of this form).
5. Change in Entity Status	(from status indicated above)	•				
	MALL ENTITY status. See :	•	☐ b. Applic	ant is no	longer claiming SMA	LL ENTITY status. See 37 C	CFR 1.27(g)(2).
The Director of the USPTO NOTE: The Issue Fee and Po	is requested to apply the Issu ablication Fee (if required) v	e Fee and Publicat	ion Fee (if an from anyone	ny) or to re e other tha	e-apply any previousl an the applicant; a reg	y paid issue fee to the applic istered attorney or agent; or t	ation identified above. he assignee or other party in
interest as shown by the reco	rds of the United States Pate	nt and Trademark	Office.				
Authorized Signature					Date		41
						Vo	
							 .
This collection of information application. Confidential	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C.	11. The information 122 and 37 CFR	n is required t	to obtain	or retain a benefit by	the public which is to file (an	d by the USPTO to process) ng gathering, preparing, and me you require to complete
submitting the completed ap	plication form to the USPT	O. Time will vary	depending up	pon the in	dividual case. Any co	omments on the amount of ti	me you require to complete

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/820,266	04/08/2004	Takeshi Masutani	MAT-8533US	7547	
75	590 05/02/2006		EXAM	INER	
LAWRENCE E.	ASHERY		VY, HU	JNG T	
Suite 301			ART UNIT	PAPER NUMBER	
One Westlakes, Be P.O. Box 980 Valley Forge, PA	•		2821 DATE MAILED: 05/02/200	6	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 91 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 91 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.